## AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A wireless terminal ~~for establishing connection with a base device~~, when connected to a base device, receiving video data or audio data or both video and audio data from the connected base device, comprising:

connection requesting means for broadcasting a connection request command that requests a connection with a base device;

connection establishing means for obtaining only a first incoming one of sets of identification data, each set being transmitted from a base device in response to the connection request command and specifying the respective base device, so as to establish a connection with a base device that is indicated by the thus obtained, first incoming set of identification data, the base station having the established connection being the connected base station ~~establishing the connection with the base device by obtaining identification data that specifies the base device~~;

connection completion notifying means for, after the obtaining of the first incoming set of identification data, broadcasting a connection process completion command that indicates that the connection with the connected base device is established; and

connection counterpart notifying means for notifying, based on the first incoming set of identification data, a user of the base device to which the wireless terminal is currently connected.

2. (Canceled).

3. (Canceled).

4. (Previously Presented) A wireless terminal as set forth in Claim 1, wherein:

the identification data contains a key for encrypting the data and a key for decrypting the encrypted data.

5. (Currently Amended) A wireless terminal as set forth in Claim 4, wherein:

the key for ~~encoding~~ encrypting the data and the key for ~~decoding~~ decrypting the encrypted data are ~~algorisms~~ algorithms specific to the base device indicated by the identification data.

6. (Currently Amended) A wireless terminal as set forth in Claim 1, comprising:

image output means for causing display means to display an image based on ~~image dada~~ video data received from the base device to which the wireless terminal is connected,

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the connection counterpart notifying means displaying the identification

data on the display section in an [[ODS]]OSD manner.


7. (Original) A base device comprising:

identification data transmission means for transmitting the identification

data to the wireless terminal as set forth in Claim 1.


8. (Original) A wireless system comprising:

the wireless terminal as set forth in Claim 1; and

a base device comprising identification data transmission means for

transmitting the identification data to the wireless terminal as set forth in Claim

1.


9. (Currently Amended) A computer readable storage medium storing a

control program for operating a wireless terminal as set forth in Claim 1, the

control program causing a computer to function as each of the means.


10. (Canceled).


11. (Currently Amended) A wireless system comprising a base device and

a wireless terminal which, when connected to a base device, receives either

video data or audio data or both video and audio data from the connected base

device, wherein:

the wireless terminal comprises:

connection requesting means for broadcasting a connection request

command that requests a connection with a base device;

connection establishing means for obtaining only a first incoming

one of sets of identification data, each set being transmitted from a base device

in response to the connection request command and specifying the respective

base device, so as to establish a connection with a base device that is indicated

by the thus obtained, first incoming set of identification data, the base station

having the established connection being the connected base station ~~establishing~~

~~the connection with the base device by obtaining identification data that~~

~~specifies the base device~~;

connection completion notifying means for, after the obtaining of

the first incoming set of identification data, broadcasting a connection process

completion command that indicates that the connection with the connected base

device is established;

first connection confirming mode transiting means for causing

transition into a connection confirmation mode in accordance with input of an

instruction from a user;

connection confirming means for obtaining, after the transition to

the connection confirmation mode, a connection confirmation command from the

base device to which the wireless terminal is connected, the connection

confirmation command being for confirming the connection; and

warning means for warning the user if the connection confirmation

means does not obtain the connection confirmation command within a

predetermined time after the transition to the connection confirmation mode,

and

the base device comprises:

identification data transmission means for transmitting the

identification data after receiving a connection request command transmitting

the identification data that identifies the base device;

means for, after receiving the connection process completion

command, recognizing that the connection is established and transmitting either

video data or audio data or both video and audio data to the wireless terminal;

second connection confirming mode transiting means for causing

transition into the connection confirmation mode in accordance with the input of

the instruction from the user; and

connection confirmation command transmitting means for

transmitting the connection confirmation command, if the transition into the

connection confirmation is performed.


12. (Canceled).

13. (Canceled).

14. (Currently Amended) The wireless system as set forth in Claim 11, wherein:

the identification data contains a key for ~~encoding~~ encrypting the data and a key for ~~decoding~~ decrypting the encrypted data.

15. (Currently Amended) A wireless system as set forth in Claim 14, wherein:

the key for encrypting the data and the key for decrypting the encrypted data are ~~algorisms~~ algorithms specific to the base device indicated by the identification data.

16. (Currently Amended) A wireless system as set forth in Claim 11, comprising:

image output means for causing display means to display an image based on ~~image dada~~ video data received from the base device to which the wireless terminal is connected,

the warning means warning the user by ~~connection counterpart notifying means~~ displaying a warning message on the display section in an OSD manner.

17. (Canceled).

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18. (Canceled).


19. (Currently Amended) A computer readable storage medium storing a

control program for operating a wireless terminal constituting the wireless

system as set forth in Claim 11, the control program causing a computer to

function as each of the means.


20. (Canceled).


21. (Currently Amended) A computer readable storage medium storing a

control program for operating a base device constituting the wireless system as

set forth in Claim 11, the control program causing a computer to function as

each of the means.


22. (Canceled).

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